

# Physical Science Information 2013-2014

## Dublin Scioto High School

### Contact Information:

School email: Ellis\_kelcie@dublinschools.net

School Voice mail: 614-760-4642

Please do not hesitate to contact me for any. I am much more efficient at returning emails than I am phone calls simply because I can check my email frequently during the day.

### Availability to Students:

I am at school around 6:45AM every morning in room B3 across from the guidance office. I will be at school until at least 2:50 PM every day and can be available at other times by appointment.

### Basic Class Rules:

- NO food or drink in the room (water bottles will be permitted).
- NO cell phones. Policies will be followed as outlined in the student handbook. This goes for other electronic devices (calculator games, DS, Ipods, etc). General rule of thumb: We do science in science class.
- Be respectful of others – this includes a guest teacher. If for any reason you create a problem for a guest teacher, your behavior will be dealt with upon my return.
- Profanity is NOT ACCEPTABLE at any time and will result in a detention.

### Course Grade:

Students and parents have access to grades via Progress Book. Your grade will be weighted. While every assignment, (homework, quiz, test & project) will impact your grade, completion homework will count as 10%, minor assignments (collected homework, EQ's, quizzes, class activities) will count as 30% and major assignments (projects and tests) will count for 60% of your grade. Letter grades will be assigned according to the guidelines & grade scale below, please note that a percent score of 0.5 or greater will round up while a percent score less than 0.5 will stay the same. NO EXCEPTIONS WILL BE MADE!. Keep your Progressbook information in order to check your grade. I do not have access to usernames or passwords.

The district grading scale:

A = 93 to 100

A - = 90 to 92

B+ = 87 to 89

B = 83 to 86

B- = 80 to 82

C+ = 77 to 79

C = 73 to 76

C- = 70 to 72

D+ = 67 to 69

D = 63 to 66

D- = 60 to 62

F = 59 or below

### Homework:

All assignments are due at the beginning of class the next day (unless another date is given). Assignments should be completed in pencil or blue/black ink only. Legibility is expected.

Collected assignments will be graded for accuracy; completion assignments will be graded for full completion (i.e. assignments that are completely done receive all of the points, less than fully completed assignments will receive no points)

NO LATE HOMEWORK will be accepted. Partial credit WILL NOT be given for late assignments. Homework is checked for completeness periodically but *homework is practice for larger assessments*. If a student is absent, he/she may check the make-up crate on my cart for assignments from the previous day(s) and receive credit by turning that assignment in the next day with an excused absence & admit slip. **Any work that was assigned before you were absent (& due while you were absent) is due the day you return - this includes being ready for tests & quizzes! So, if you're absent & miss a quiz or test, I will expect you to take the quiz or test ON THE DAY YOU RETURN TO CLASS** (unless you have an extended absence or special circumstances). All papers are kept on file for 2 weeks (the current week and previous week). *It is up to the student to get any notes or work missed from the crate!*

**DAILY HOMEWORK:** You should spend 10-15 minutes every day reviewing your notes. When you are done reviewing your notes, make note of what is still "muddy" and come to class with clarifying questions or come for extra help before or after school. This assignment will not be placed on the Progressbook as it a daily assignment regardless of what topic we are covering.

### Freebie Pass:

You will be given 3 Freebie Passes at the beginning of each quarter. You may choose to use your passes in one of 3 ways: as a locker pass, bathroom pass or homework pass. Passes not used at the end of each quarter may be turned in for 3 bonus points each on that quarter's grade. Passes are non-transferable, are not replaceable if lost & expire on the last day of the quarter.

Homework Pass: Allows you to turn in one COLLECTED assignment, one day late without penalty. This pass DOES NOT EXCUSE you from doing the assignment & is not usable on COMPLETION assignments.

Bathroom/Locker Pass: I do NOT write passes for you to go to the restroom or your locker unless there is an emergency or extenuating circumstances – forgetting your homework does not count! Use your passes wisely.

Textbook: There is no textbook for this course

Notebooks:

Students should have a three-ring binder in which they keep their work. Since there is not a textbook for this class, it is most important that a notebook be kept. The notebook may be organized any way the student wishes but it needs to be neat, up-to-date and very organized. My suggestion is to have a tab in the binder for: Notes, Homework, Labs, Quizzes & Tests and Other. You will also need a composition notebook that contains graph paper.

Safety:

Safety is of the up most importance. Therefore, failure to follow ANY rule could result in administrative referral as well as the following actions –

- 1) A zero for that lab.
- 2) Removal from lab for the remainder of the year. You may acquire data from another classmate so that you can complete the questions but you will not be permitted back into the lab area to work.

Labs:

-Labs (and activities) are an essential part of this course. Regardless of the type of work you need to come dressed appropriately (closed toed shoes, pants, no loose clothing & long haired tied back) with the needed materials.

-If you are absent for a lab, it may be essential for you to make up the lab. If so, we will schedule a time before or after school. If the same information can be conveyed by a demonstration, video, paper activity, one may be assigned. Make up assignments due to absences during labs will be assigned at my discretion.

-Lab write-ups and point values will vary based on the lab being completed.

Quizzes and Tests:

Most quizzes will be short and unannounced (entrance and exit quizzes) – normally given one to two times a week to help students stay current on material. If a student misses an EQ quiz and they have an excused absence, an exemption will result. If the absence is unexcused, a zero will result. If a student is absent for a larger quiz or a test they will be responsible for taking the quiz upon their return and must show an admit slip reflecting an excused absence to receive points. The make up will be taken the day the student returns to class.

Tests will be given at the end of a large topic or a group of smaller topics. The format for tests will vary but will consist of fill-in-the-blank, multiple choice, true/false, short answer and/or extended response.

Quiz Corrections: If you have completed all of the homework assignments, and have gotten help with the material included on any entry or exit quizzes with a score of 80% or less, you are welcome to schedule an appointment to make corrections to quizzes. For corrected answers you will receive 50% of the points back.

Group Learning: You will be working in groups or in pairs for many of the activities in this course. Your participation in these learning groups will depend heavily on your behavior both in & out of the group. For the learning to take place in these groups, participation is essential from all members. Excessive absences or the inability to work in a group setting will be reflected in your grade. Inappropriate behavior will result in the loss of lab or group work privileges.

Cheating, Copying & Plagiarism: All work you turn in should be your own – your thoughts, your ideas, your sentences & words. Copying another person's work does not help you learn or understand & such plagiarism is illegal! Anyone found cheating, copying or plagiarizing will receive a zero for the work in question. If a project, test or quiz is involved; a zero will be given for the entire assignment. Letting your friends copy will not help them or you. You will both be held responsible & be given zeros for the work.

## **Physical Science Expectations 2013-2014**

### **Dublin Scioto High School**

Welcome to Physical Science! In order to create an environment that supports the process of learning, there are certain behaviors & expectations that will be required of you. Each day, I will expect you to:

**1 - Be in your seat & ready to start when the bell rings.** Unless it is an emergency, and you decide to use a freebie pass, trips to the bathroom, locker, drinking fountain, etc. will not be allowed after the bells ring. Forgetting your HW is not an emergency! Bring a pass if you'll be late from another class.

**2 - Be prepared for class.** This means bringing everything you need - paper, pen/pencil, homework, etc. You will not be allowed to go to your locker (see #1).

**3 - Be respectful of others.** We will have many interesting discussions in here this year. Wait your turn to express your opinion or thoughts & do not interrupt others. If you've not been called on, then you should not be talking. Do not physically or verbally bother anyone else. This includes keeping your hands, feet & other objects to yourself. Watch your language - curse words/phrases have NO place here.

**4 - Be respectful of your environment.** Do not write or draw in the textbooks, on the desks or lab tables. If caught, you will either repair the damage or pay for a replacement. Pick up after yourself. Return materials to where you found them & throw your trash away.

**5 - Follow directions & actively participate.** This means listening and paying attention to what's going on and/or being said. Take an active part in discussions and/or notes by asking or answering questions. When working in a group, be cooperative, on task & help with the work. Don't wait for someone else to do it so you can just copy it.

**6 - Act safely. Since this is a lab room, food & drink are not allowed (aside from a water bottle).** Don't throw or toss things across the room. Sit on a chair or stool, not on the desks, counters or lab benches. "Horseplay" of any kind will not be tolerated. Know & follow all lab safety rules. Inappropriate behavior will result in the loss of lab/group work privileges.

**7 - Behave appropriately - especially when there is substitute teacher. Appropriate behavior includes staying on task, following directions, no sleeping, passing/writing notes, drawing on desks, etc. Misbehavior or disrespect in the presence of a substitute will be dealt with harshly!**

**Failure to meet any of the above expectations will result in the following consequences:**

1<sup>st</sup> Violation: Warning (written or verbal)

2<sup>nd</sup> Violation: 15 minute MORNING detention starting at 7:35

3<sup>rd</sup> Violation: 30 minute MORNING detention starting at 7:20 & parent phone call

4<sup>th</sup> Violation: Remove & referral to main office

Severe Clause: Any of the following behaviors will result in immediate removal to the office:

- Violation of safety procedures that puts self or others at risk
- Willful harm of others or destruction of others
- Insubordination - overt refusal to follow directions.

Note: This plan is subject to change & may be adjusted as needed. You will be informed of any such changes before they are put into effect.

**Please sign and date below to indicate you and your child have reviewed and understand the Information and Expectations for Physical Science. This must be returned tomorrow as it is a homework assignment. Thank you!**

**Parent/Guardian:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Student:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Contact Information** – Please provide the following for each parent and/or guardian.

Parent/Guardian Name		
Home/Cell Phone		
Work Place & Phone		
Email		

In the space below, please share any information – either academically or personally - you feel might be important for me to know about your student & his/her ability to be successful. Continue on the back if necessary.

## Physical Science 2013-2014 Dublin Scioto High School

### Course Overview

Physical science is a yearlong course in which students will learn about Chemistry, Physics, and Astronomy through inquiry. Inquiry involves having a student actively engaged in observation and experimentation to help them learn about a concept or idea. Topics include scientific processes, nature of matter, motion, energy, forces, light, sound, stars, and the universe.

### Students will need:

1. A composition notebook (with graph paper pages)
2. 3-Ring Binder (2") with divider tabs
3. Regular Scientific Calculator (students should have this. Does not have to be graphing)
4. Splash Proof Safety Goggles (If you would like, there are classroom sets of goggles. You are free to use a pair as long as you wash them after use)

### Topics of Study:

#### First Semester

Conservation of Energy

Transfer and Transformation of Energy

Thermal Energy

Motion/Dynamics

Forces

Waves

#### Second Semester

History of the Universe

Classification of Matter

Atoms

Periodic Trends of the Elements

Reactions of Matter

